Executive Summary and Infographic

Capstone 2 – Spring 2026

Deliverable:
A two-page document created in PowerPoint, set to **8.5 × 11 inches**. Export the final submission as a **single PDF** and upload it to Canvas.

PAGE 1: Executive Summary

Create a clear and concise one-page executive summary of your project. This page should be written for a general engineering audience. It should communicate the purpose, approach, and expected impact of your work.

Your executive summary must include:

1. **Project Title and Team Information**
   Include the project title, sponsor (if applicable), and team members.
2. **Problem Statement**
   Summarize the engineering problem your project addresses. Describe why the problem matters and who is impacted.
3. **Objectives and Requirements**
   Identify the primary objectives and key engineering requirements guiding your solution.
4. **Concept Overview**
   Present a short description of your proposed design or solution. Use plain language that communicates the idea without excessive technical detail.
5. **Methods and Approach**
   Briefly describe the analytical, experimental, or design methods you plan to use across the project.
6. **Expected Outcomes and Value**
   Highlight the anticipated impact of your solution. Describe the benefits for users, sponsors, or stakeholders.

Formatting Expectations:

- One page maximum.
- Use clear section headings.
- Use concise and professional writing.

PAGE 2: Infographic

Create a one-page infographic that communicates your project visually. The infographic should help a non-technical audience quickly understand the problem, the design direction, and the value of the solution.

Your infographic must include:

1. **Visual Problem Summary**
   A simple visual or diagram showing the core problem or need.
2. **Key Insights or Requirements**
   Highlight 3 to 5 important facts, constraints, or user needs that shape the design.
3. **Concept Snapshot**
   A drawing, schematic, block diagram, or functional illustration that shows your proposed solution.
4. **Process or Roadmap**
   A brief timeline, phased sequence, or simplified workflow showing how the project will progress during the two-semester sequence.
5. **Expected Impact**
   A short statement or graphic visual that captures the value your solution provides.

Formatting Expectations:

- Visual elements should dominate the page.
- Use minimal text.
- Use consistent colors, fonts, and hierarchy.
- Keep the layout clean and easy to read.